Index of Claims

| Appl | ication/ | Control | No. |
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|      |          |         |     |

10/654,188

Examiner

Joon H. Hwang

Applicant(s)/Patent under Reexamination

GARDNER ET AL.

Art Unit

2166

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled |  | N | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|--|---|--------------|---|----------|
| =        | Allowed  | + | Restricted                     |  | ı | Interference | o | Objected |

| Clair  | m        | n Date   |                    |   |          | Cla      | aim  | Date   |          |              |          |  |          | Claim  |          | Date     |                    |          |          |                                   |       |            |                 |          |           |          |             |          |                 |          |           |
|--|----------|----------|--------------------|---|----------|----------|--|--|----------|--------------|----------|--|----------|--|----------|----------|--------------------|----------|----------|-----------------------------------|-------|------------|-----------------|----------|-----------|----------|-------------|----------|-----------------|----------|-----------|
|  |          | 12/8/06  |                    |   |          |          |  |  |          |              |          | Final  | Original |  |          |          |                    |          |          |                                   | Final | Original   |                 |          |           |          |             |          |                 |          |           |
| -  | 1        |          | -                  | $\dashv$  | 7        |          |  |  | ╁        | +            |          | _  | 51       |  | +        | ╁        |                    | 7        | $\top$   | $\top$                            |       | 101        | $\Box$          | T        | $\dashv$  | 7        | $\dashv$    |          | $\neg$          | 寸        | $\dashv$  |
| -  | 2        |          |                    | ┪   | T        |          |  |  | $\top$   | 1            | 1        |  | 52       |  | 1        | $\top$   | $\top$             |          |          |                                   |       | 102        |                 |          |           |          | $\Box$      |          |                 |          |           |
|  | 3        | 1        |                    |   |          |          |  |  |          |              |          |  | 53       |  |          | <u> </u> |                    |          |          |                                   |       | 103        |                 |          |           |          | $\sqsupset$ | ]        |                 | $\Box$   |           |
|  | 4        | 1        |                    |   |          |          |  |  | L        |              |          |  | 54       |  |          |          | $oldsymbol{\perp}$ |          | _        | 44                                |       | 104        | Ш               |          | $\dashv$  | $\dashv$ | 4           | _        | $\Box$          |          | _         |
|  | 5        | 1        | $\perp$            | _   | _        |          |  |  | $\perp$  | <u> </u>     |          |  | 55       | $\sqcup$   | $\perp$  | Ц.,      | <u> </u>           |          | _        | $\dashv$                          |       | 105        |                 | 4        | _         | _        | _           | _        | $\dashv$        | _        | _         |
|  | 6        | 1        | 4                  | _   | 4        |          | _  | _  | 1        | _            |          |  | 56       | $\vdash$   | $\perp$  | +        | <u> </u>           | -        | +        | +                                 |       | 106        | -               | 4        | $\dashv$  | -        | -           |          | $\dashv$        | $\dashv$ | $\dashv$  |
| -  | 7        | 1        | -                  | $\dashv$  | $\dashv$ |          | _  | <u> </u>   | -        | <del> </del> |          |  | 57       | ╢  | +        | +        | +                  |          | -        | +                                 |       | 107<br>108 | $\vdash$        | -        | $\dashv$  | -        | $\dashv$    | $\dashv$ | -+              | $\dashv$ | $\dashv$  |
|  | 9        | 1        | +                  | $\dashv$  | -        | _        |  | ⊢  | -        | +            |          |  | 58<br>59 | $\vdash$   | +        | +        | +-                 | +        | +        | +                                 |       | 109        | Н               | $\dashv$ | $\dashv$  | -        | $\dashv$    | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$  |
|  | 10       | ┪        | $\dashv$           | $\dashv$  | ┥        |          |  | ⊢  | ╁        | +            | liiii    | $\vdash$   | 60       | ╁┼   | +        | +        | +                  |          | +        | +                                 |       | 110        | H               | $\dashv$ | $\dashv$  |          | $\dashv$    | $\dashv$ |                 | -        | $\dashv$  |
|  | 11       | 1        | $\dashv$           | $\dashv$  | ᅥ        | -        |  | $\vdash$   | H        | +            |          | <del>                                     </del> | 61       | H  | +        | ╁        | <del> </del>       | $\dashv$ | +        | +                                 |       | 111        |                 |          | 十         |          | 寸           |          |                 | ┪        | $\exists$ |
|  | 12       | V        | $\dashv$           | _   | 7        |          |  |  | t        | T            |          | _  | 62       |  | +        | +        | ·                  | $\dashv$ | $\top$   | $\top$                            |       | 112        |                 |          | T         |          | 寸           |          |                 | ヿ        | П         |
|  | 13       | 1        | $\top$             | 1   | $\neg$   |          |  |  | $\vdash$ | 1            |          |  | 63       | $\Box$   |          | 1        |                    | $\dashv$ | $\top$   |                                   |       | 113        |                 |          | $\exists$ |          |             |          |                 |          |           |
|  | 14       | 1        | 丁                  |   |          | _        |  |  | L        |              |          |  | 64       |  |          | ·        | oxdot              |          |          |                                   |       | 114        |                 |          |           |          | $\Box$      |          | $\square$       |          | ·         |
|  | 15       | 1        |                    | $\perp$   |          |          |  | 匚  |          | Ľ            |          |  | 65       |  |          | 1        |                    |          |          | Ш                                 |       | 115        | Щ               |          | _         |          | $\dashv$    |          | Ц               | _        | Ш         |
|  | 16       | 1        | $\perp$            | _   | _        |          |  | <u>_</u>   | 1        | _            | l        |  | 66       | $oxed{oxed}$                                     | _        | 4        | ļ                  | _        | $\perp$  | $\perp \!\!\! \perp \!\!\! \perp$ |       | 116        | $  \_  $        | _        | _         | ļ        | $\dashv$    |          | $\dashv$        | _        |           |
|  | 17       | <b>√</b> | _                  | _   | 4        | _        | _  | <u> </u>   | 1        | -            |          |  | 67       | $\vdash$   | 4        | +        | ļ                  | _        | +        | +                                 |       | 117        | $\vdash$        |          | _         | -        | $\dashv$    | $\dashv$ | $\dashv$        |          |           |
|  | 18       | 4        | $\dashv$           | 4   | $\dashv$ |          |  | <u> </u>   | -        | -            |          |  | 68       | -  | +        | +        | +-                 | $\dashv$ | +        | -                                 |       | 118        | $\vdash$        |          | -         | -        | $\dashv$    | $\dashv$ | $\dashv$        | -        | $\dashv$  |
|  | 19       | 1        | -                  | <del>-</del>  | _        |          |  | <u> </u>   | ╀        | -            |          |  | 69<br>70 | ⋳  | +        | +        | +-                 | $\dashv$ | +        | +                                 |       | 119<br>120 | $\vdash$        | $\dashv$ | -         |          | $\dashv$    | $\dashv$ | $\vdash$        | $\dashv$ |           |
|  | 20<br>21 | 1        | -+                 | -   | -        |          | -  | ┢  | ⊢        | ╁            | ł        |  | 71       | $\vdash$   | +        | +        | ╁                  | $\dashv$ | +        | +                                 |       | 121        | Н               | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$    | -        |                 | $\dashv$ | $\neg$    |
|  | 22       | 1        | $\dashv$           | -+  | -        |          | H  |  | ╁        | ٠.           | 1        |  | 72       | <del>                                     </del> | +        | +        | ╁                  | -        | $\dashv$ | +                                 |       | 122        | $\vdash$        | $\dashv$ | $\dashv$  | _        | $\dashv$    | $\dashv$ | -               | $\dashv$ | $\neg$    |
|  | 23       | 1        | $\dashv$           | $\dashv$  |          |          | Н  | $\vdash$   | t        | T            | 1        |  | 73       |  | $\dashv$ | +        | +                  | _        | +        | $\top$                            |       | 123        | $\vdash$        | $\neg$   | 寸         | $\neg$   | $\dashv$    | $\neg$   | $\Box$          | 一        |           |
|  | 24       | 1        | 十                  | T†  | _        |          | _  | ┢  | T        | T            | 1        |  | 74       |  | $\top$   | 十        |                    |          |          | $\top$                            |       | 124        | П               | コ        | 寸         | $\neg$   | 寸           | $\neg$   | П               | $\neg$   |           |
|  | 25       | 1        | T                  | 寸   |          |          |  |  | $\top$   | T            | 1        |  | 75       |  |          |          |                    |          |          |                                   |       | 125        |                 |          |           |          | $\Box$      |          |                 |          |           |
|  | 26       | √        |                    |   |          |          |  |  |          |              |          |  | 76       |  |          |          |                    |          |          |                                   |       | 126        |                 |          |           |          | $\Box$      | $\Box$   |                 |          |           |
|  | 27       |          |                    |   |          |          |  |  | $\perp$  |              |          |  | 77       |  |          | $\perp$  |                    |          | _        | $\perp$                           |       | 127        |                 | _        |           |          | $\dashv$    | _        | $\Box$          |          | Ш         |
|  | 28       |          | 4                  | 4   |          |          | L  | L  | 1        | 1            | <b>.</b> |  | 78       | $\sqcup$   | 1        | +        | 1_                 | _        | _        | $\perp$                           |       | 128        | _               | _        | $\dashv$  | _        | 4           | _        |                 |          | _         |
|  | 29       |          | _                  | 4   |          | _        | _  | <u> </u>   | ↓_       | 1_           | l        |  | 79       | -  | _        | +        | ┼                  |          | -        | $\bot$                            |       | 129        | $\sqcup$        |          | $\dashv$  | _        | $\dashv$    |          | $\vdash$        |          | $\dashv$  |
|  | 30       |          | $\dashv$           | $\dashv$  |          | _        | _  | ┡  | ╀        | -            | ł        |  | 80       | $\vdash$   | -        | +        | ┼-                 | -        | +        | +                                 |       | 130        | $\vdash$        |          |           | -        | $\dashv$    | _        | $\vdash$        | $\dashv$ | $\dashv$  |
|  | 31       | _        | $\dashv$           | -   | -        | _        | ├  | ┝  | ╀        | +            | ł        |  | 81<br>82 |  | +        | +        | +-                 |          | +        |                                   |       | 131<br>132 | Н               | -        | $\dashv$  | $\dashv$ | $\dashv$    | -        | -               | $\dashv$ | $\dashv$  |
|  | 32<br>33 |          | $\dashv$           | $\dashv$  | -        | _        | <del>                                     </del> | $\vdash$   | ╁        | +            |          |  | 83       | <del>                                     </del> |          | ╁        | ╁╌                 | $\dashv$ | +        | +                                 |       | 133        | $\vdash$        | -1       | -         | $\dashv$ | $\dashv$    | -        | $\vdash$        | $\dashv$ | $\dashv$  |
|  | 34       |          | $\dashv$           | $\dashv$  | $\dashv$ | -        | -  | ┢  | +-       | ╁            | 1        | -  | 84       | $\vdash$   | +        | +        | +                  |          | -        | +                                 |       | 134        | Н               | $\neg$   | $\dashv$  | _        | ヿ           |          | T               | $\dashv$ | 一         |
|  | 35       |          | $\dashv$           | $\neg$  | ┪        |          | $\vdash$   | ┢  | ✝        | 1            | 1        |  | 85       | 1  |          | $\top$   | $\top$             |          | $\top$   | T                                 |       | 135        |                 | T        | 寸         | $\neg$   | ヿ           |          | П               | 一        | П         |
|  | 36       |          | $\dashv$           | $\dashv$  | ┪        |          |  |  | †        | $\top$       | 1        |  | 86       |  |          | 1        | 1                  |          |          |                                   |       | 136        |                 | 7        | $\neg$    | $\neg$   | $\neg$      |          |                 |          | П         |
|  | 37       |          | $\overline{\cdot}$ | 7   |          |          |  | $\Box$   | T        |              | ]::::    |  | 87       |  |          | T        | $\mathbb{L}$       |          |          |                                   |       | 137        |                 |          |           |          |             |          |                 |          |           |
|  | 38       |          |                    |   |          |          |  |  |          |              |          |  | 88       |  |          | I        |                    |          | $\perp$  |                                   |       | 138        |                 |          |           | $\Box$   | $\Box$      |          | П               | $\Box$   |           |
|  | 39       |          |                    | $\Box$  |          |          | $\Box$   | _  | L        | <u> </u>     |          |  | 89       | $\sqcup$   |          | $\perp$  | _                  |          | $\perp$  | 4                                 |       | 139        | Ш               |          | _         | _        | _           |          | Ш               | _        | Ш         |
|  | 40       |          | $\dashv$           | 4   | _        |          | L  | _  | 1        |              |          |  | 90       | $\sqcup$   | 4        | 4        | -                  | $\vdash$ | _ _      | 4                                 |       | 140        | -               | _        | _         | _        | 4           | Щ        | $\sqcup$        | _        | Щ         |
|  | 41       | Щ        | $\dashv$           | $\dashv$  | _        | _        | <u> </u>   | 1  | 4        | ╀            |          |  | 91       |  |          | +        | +                  | $\sqcup$ | _        | +                                 |       | 141        | $\sqcup$        | $\dashv$ |           | 4        |             | _        | $\vdash \vdash$ | $\dashv$ | $\vdash$  |
|  | 42       |          | +                  | +   |          | H        | $\vdash$   | $\vdash$   | ╀        | ╁            |          |  | 92       | $\vdash$   | +        | +        | +-                 | -        | +        |                                   |       | 142        | $\vdash \vdash$ |          | $\dashv$  | -        | $\dashv$    | $\vdash$ | Н               | $\dashv$ | $\vdash$  |
|  | 43<br>44 |          | +                  | +   | $\dashv$ | $\vdash$ | -  | $\vdash$   | ╁        | ╁┈           | <b> </b> | -  | 93<br>94 | $\vdash$   |          | +        | ╁                  |          | +        |                                   |       | 143        | $\vdash \vdash$ | -        | $\dashv$  | -        | $\dashv$    |          | $\vdash$        | $\dashv$ | Н         |
| <del>                                     </del> | 45       | -        | $\dashv$           | $\dashv$  | $\dashv$ | -        | $\vdash$   | $\vdash$   | ╁        | ╁            | <b> </b> | <del></del>                                      | 95       | $\vdash$   |          | +        | +                  | -        | +        | +                                 |       | 145        | Н               | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$    |          | H               | -        | $\dashv$  |
|  | 46       |          | $\dashv$           | +   | $\dashv$ |          | $\vdash$   | <del>                                     </del> | †        | $t^-$        | 1        |  | 96       | <del>     </del>                                 | +        | +        | +-                 | $\vdash$ | +        | $\top$                            |       | 146        | Н               | $\dashv$ | 寸         |          | $\dashv$    |          | $\vdash$        | $\neg$   | $\sqcap$  |
|  | 47       | _        | $\dashv$           | 7   | $\dashv$ | $\vdash$ | Г  | İ  | $\top$   | T            | 1        |  | 97       | $\vdash$   | $\dashv$ | 十        | $\top$             | $\vdash$ | $\top$   | $\dashv \dashv$                   |       | 147        |                 |          | ヿ         | $\neg$   | $\dashv$    |          | П               | $\neg$   | $\sqcap$  |
|  | 48       |          | $\dashv$           | 寸   | ヿ        |          | Г  | Π  | T        | T            | 1        | $\Box$   | 98       |  |          | $\top$   | $\top$             |          | 1        | $\top$                            |       | 148        |                 |          | 寸         |          | コ           |          |                 | $\Box$   |           |
|  | 49       |          |                    |   |          |          |  |  |          | L            | ]        |  | 99       |  |          |          |                    |          | I        |                                   |       | 149        |                 |          |           |          |             |          |                 |          |           |
|  | 50       |          |                    | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          |  |  |          |              | Jiiiii   |  | 100      | $oxed{oxed}$                                     |          | 工        |                    |          | L        |                                   |       | 150        | $\square$       |          | $\perp$   |          | $\perp$     |          |                 |          |           |